

# WEST Search History





DATE: Thursday, October 06, 2005

**Hide? Set Name Query****Hit Count***DB=PGPB,USPT,USOC; PLUR=YES; OP=OR*

<input type="checkbox"/>	L12	snake and venom and plasmin adj1 inhibitor and L11	5
<input type="checkbox"/>	L11	514/12.ccls.	8817
<input type="checkbox"/>	L10	venom and L2	10
<input type="checkbox"/>	L9	plasmin and inhibitor and L5	4

*DB=PGPB; PLUR=YES; OP=OR*

<input type="checkbox"/>	L8	textilis and L7	0
<input type="checkbox"/>	L7	plasmin and inhibitor and L5	4
<input type="checkbox"/>	L6	plasmin adj1 inhibitor and L5	1
<input type="checkbox"/>	L5	venom and L2	10
<input type="checkbox"/>	L4	venom.ab. and L2	3
<input type="checkbox"/>	L3	venom.clm. and L2	2
<input type="checkbox"/>	L2	snake and L1	11
<input type="checkbox"/>	L1	435/184.ccls.	382

END OF SEARCH HISTORY

(FILE 'HOME' ENTERED AT 12:27:14 ON 06 OCT 2005)

FILE 'REGISTRY' ENTERED AT 12:27:49 ON 06 OCT 2005

L1 2 S KDRPDFCEL PADTGPCRVRFP SFYYPDEKKCLEFIYGGCEGNANNFITKEECESTCAA/S  
L2 4 S KDRPDFCEL PADTGPCRVRFP SFYYPDEKKCLEFIYGGCEGNANNFITKEECESTCAA/S  
L3 2 S KDRPELCEL PPD TGPCRVRFP SFYYPDEQKCLEFIYGGCEGNANNFITKEECESTCAA/S  
L4 4 S KDRPELCEL PPD TGPCRVRFP SFYYPDEQKCLEFIYGGCEGNANNFITKEECESTCAA/S

FILE 'CAPLUS, USPATFULL, MEDLINE, BIOSIS' ENTERED AT 12:33:09 ON 06 OCT 2005

=> s 12

L5 2 L2

=> s 13

L6 2 L3

=> dup remo 15

PROCESSING COMPLETED FOR L5

L7 2 DUP REMO L5 (0 DUPLICATES REMOVED)

=> dup remo 16

PROCESSING COMPLETED FOR L6

L8 2 DUP REMO L6 (0 DUPLICATES REMOVED)

=> d 17 1-2 bib abs

L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2002:948330 CAPLUS

DN 138:266469

TI A family of textilinin genes, two of which encode proteins with antihaemorrhagic properties

AU Filippovich, Igor; Sorokina, Natasha; Masci, Paul P.; De Jersey, John; Whitaker, Alan N.; Winzor, Donald J.; Gaffney, Patrick J.; Lavin, Martin F.

CS The Queensland Cancer Fund Research Unit, The Queensland Institute of Medical Research, Royal Brisbane Hospital, Herston, Australia

SO British Journal of Haematology (2002), 119(2), 376-384  
CODEN: BJHEAL; ISSN: 0007-1048

PB Blackwell Science Ltd.

DT Journal

LA English

AB Two peptides, textilinin 1 and 2, isolated from the venom of the Australian common brown snake, *Pseudonaja textilis textilis*, are effective in preventing blood loss. To further investigate the potential of textilinin as antihemorrhagic agents, we cloned cDNAs encoding these proteins. The isolated full-length cDNA (430 bp in size) was shown to code for a 59 amino acid protein, corresponding in size to the native peptide, plus an addnl. 24 amino acid propeptide. Six such cDNAs were identified, differing in nucleotide sequence in the coding region but with an identical propeptide. All six sequences predicted peptides containing six conserved cysteines common to Kunitz-type serine protease inhibitors. When expressed as glutathione S-transferase (GST) fusion proteins and released by cleavage with thrombin, only those peptides corresponding to textilinin 1 and 2 were active in inhibiting plasmin with  $K_i$  values similar to those of their native counterparts and in binding to plasmin less tightly than aprotinin by two orders of magnitude. Similarly, in the mouse tail vein blood loss model only recombinant textilinin 1 and 2 were effective in reducing blood loss. These recombinant textilinin have potential as therapeutic agents for reducing blood loss in humans, obviating the need for reliance on aprotinin, a bovine product with possible risk of transmissible disease, and compromising the fibrinolytic system in a less irreversible manner.

RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1999:736765 CAPLUS

DN 132:1193  
 TI Plasmin inhibitors from the Australian brown snake *Pseudonaja textilis*  
*textilis* and their therapeutic use  
 IN Masci, Pantaleone Paul; Lavin, Martin Francis; Gaffney, Patrick Joseph;  
 Sorokina, Natalya Igorevna; Filippovich, Igor Vladimirovich  
 PA The University of Queensland, Australia; National Institute of Biological  
 Standards and Control  
 SO PCT Int. Appl., 112 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9958569	A1	19991118	WO 1999-AU343	19990507
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,				
	DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,				
	JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,				
	MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,				
	TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,				
	MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,				
	ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,				
	CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2328431	AA	19991118	CA 1999-2328431	19990507
	AU 9936922	A1	19991129	AU 1999-36922	19990507
	AU 759190	B2	20030410		
	EP 1078003	A1	20010228	EP 1999-918966	19990507
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, FI				
	JP 2002514404	T2	20020521	JP 2000-548371	19990507
	NZ 508770	A	20031219	NZ 1999-508770	19990507
PRAI	AU 1998-3450	A	19980511		
	WO 1999-AU343	W	19990507		

AB The invention provides novel single stage competitive inhibitors of plasmin from the Australian brown snake *Pseudonaja textilis textilis*. The invention also features polynucleotides encoding these inhibitors. Pharmaceutical compns. containing the plasmin inhibitors of the invention are also disclosed as well as methods useful for treatment of blood loss. Thus, the cDNA and encoded protein sequences for textilins 1-6 are presented.

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 18 1-2 bib abs

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IN Masci, Pantaleone Paul; Lavin, Martin Francis; Gaffney, Patrick Joseph; Sorokina, Natalya Igorevna; Filippovich, Igor Vladimirovich

PA The University of Queensland, Australia; National Institute of Biological Standards and Control

SO PCT Int. Appl., 112 pp.

CODEN: PIXXD2

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	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
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	EP 1078003	A1	20010228	EP 1999-918966	19990507
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